

10th Class Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	If $x \subseteq A$ and $x \notin b$, then $\{x\}$ is equal to.....	A. $A - B$ B. $B - A$ C. $A \cap B$ D. $A \supset c \supset$
2	If $b^2 - 4ac < 0$, then the roots of $ax^2 + bx + c = 0$ are:	A. Irrational B. Rational C. Imaginary D. None of these
3	In continued proportional $a:b = b:c$, c is said to be _____ proportional to a and b:	A. Third B. Fourth C. Means D. None of these
4	If one quantity increases and other decreases, the variation is:	A. Inverse B. Direct C. Indirect D. Equal
5	By definition, which of the following is a set?	A. $\{a, b, c, d\}$ B. $\{1, 2, 3, 2\}$ C. $\{l, m, n, o\}$ D. $\{0, 1, 2, 3, 1\}$
6	$\sec^2 \theta = \dots\dots\dots$	A. $1 - \sin^2 \theta$ B. $1 + \tan^2 \theta$ C. $1 + \cos^2 \theta$ D. $1 - \tan^2 \theta$
7	The spread or scatterness of observations in a data set is called:	A. Average B. Dispersion C. Central tendency
8	A quadrilateral is called cyclic when a circle can be drawn through its _____ vertices:	A. Two B. Three C. Four D. Five
9	In a ratio $x:y$, y is called:	A. Relation B. Antecedent C. Consequent D. None of these
10	$\cot \theta = \dots\dots\dots$	A. $\sin \theta / \cos \theta$ B. $1 / \cos \theta$ C. $\cos \theta / \sin \theta$ D. $1 / \sin \theta$
11	A data in the form of frequency distribution is called.	A. Grouped data B. Ungroup data C. Same D. None of these
12	Question Image <input style="width: 200px; height: 20px;" type="text"/>	A. <p style='font-size: 10.5pt; line-height: 107%; font-family: Arial, "sans-serif"; background-image: initial; background-position: initial; background-size: initial; background-repeat: initial; background-attachment: initial; background-origin: initial; background-clip: initial;'>Proper fraction</p> B. <p style='font-family: Arial, "sans-serif";'>Rational fraction</p> C. <p style='font-family: Arial, "sans-serif";'>Improper fraction</p> D. <p style='font-family: Arial, "sans-serif";'>Irrational fraction</p>

13	Question Image	<p>A. Proper fraction <o:p></o:p></p></p> <p>B. Proper fraction</p> <p>C. Irrational fraction Rational fraction</p> <p>D. Rational fraction</p>
14	A circum angle is subtended between any two chords of a circle, having:	<p>A. Circumference</p> <p>B. Diameter</p> <p>C. Radius</p> <p>D. Central angle</p>
15	Each of the complex cube root of unity is:	<p>A. The square of the other</p> <p>B. The half of the other</p> <p>C. The cube of the other</p> <p>D. Equal to each other</p>
16	The number of element in power set {1.2.3} is.	<p>A. 4</p> <p>B. 8</p> <p>C. 6</p> <p>D. 9</p>
17	The most frequently occurring observation in a data set is called.	<p>A. Mode</p> <p>B. Median</p> <p>C. Harmonic mean</p> <p>D. Mean</p>
18	Question Image	
19	The measures that are used to determine the degree or extent of variation in a data set are called measures of:	<p>A. Dispersion</p> <p>B. Central tendency</p> <p>C. Average</p>
20	The symbol used to denote a second is:	<p>A. 1°, 1'</p> <p>B. 1°</p> <p>C. 1"</p> <p>D. 1'</p>